

YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT

1947 Galileo Court, Suite 103; Davis, CA 95618

Phone (530) 757-3650 Fax (530) 757-3670

FACILITY NUMBER: 00257

SIC CODE: 4911

AUTHORITY TO CONSTRUCT

C-10-67

IS HEREBY GRANTED TO

WOODLAND BIOMASS POWER LTD.

P.O. Box 1560

Woodland, CA 95776

EQUIPMENT LOCATION: 1786 East Kentucky Avenue; Woodland, CA

TO CONSTRUCT

PROCESS DESCRIPTION: Limited use portable diesel-fired IC engine powering a grinder.

EQUIPMENT INVENTORY: 1,000 BHP (maximum) diesel fired IC engine, EPA Certified Tier II engine

- Total Billing: Schedule 7, 1,000 HP -

CONTROL EQUIPMENT INVENTORY:

Aftercooler and turbocharger

PERMITTED EMISSION LIMITS:

Pollutant	Daily [lb]	Qtr #1 (Jan 1-Mar 31) [lb]	Qtr #2 (Apr 1-June 30) [lb]	Qtr #3 (July 1-Sept 30) [lb]	Qtr #4 (Oct 1-Dec 31) [lb]	Yearly [tons]
VOC	26.5	220	220	220	220	0.44
CO	68.8	573	573	573	573	1.15
NO _x	127.0	1,058	1,058	1,058	1,058	2.12
SO _x	0.1	1	1	1	1	Neg.
PM ₁₀	29.2	243	243	243	243	0.49

PERMITTED PROCESS LIMITS:

Daily	Qtr #1 (Jan 1-Mar 31)	Qtr #2 (Apr 1-June 30)	Qtr #3 (July 1-Sept 30)	Qtr #4 (Oct 1-Dec 31)	Yearly

Horsepower- hours	12,000	100,000	100,000	100,000	100,000	400,000
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The following information is included to inform and assist the Permit Holder in achieving compliance with applicable provisions of Federal, State, and District Rules and Regulations. The following set of referenced regulations are not intended to be either comprehensive or exclusive, nor are they intended to be emission limiting permit conditions, but they are still applicable rules of the District. Occasionally laws are amended. The amended versions of the referenced rules shall be deemed to be in effect. **It is the Permit Holder's responsibility to comply with all applicable Rules and Regulations.** In the event that the District is named as a defendant in a lawsuit, administrative hearing, or other legal proceeding as a result, in whole or part, of this Authority to Construct/Permit to Operate ("Permit"), the District shall notify the applicant/permit holder ("Permit Holder") in writing within ten (10) calendar days of receiving service of the complaint in such lawsuit. The Permit Holder shall have thirty (30) calendar days from the receipt of such notice from the District to cancel or modify the Permit, and the Permit Holder will have no further obligation to the District. If the Permit Holder does not cancel or modify the Permit within thirty (30) calendar days of receiving such notice from the District, the Permit Holder shall hold harmless and defend the District, its Board members, Hearing Board members, APCO, officers, agents, employees, and representatives from liability for any award, damages, costs, and fees incurred by the District and/or awarded to any plaintiff named in the complaint, excepting loss, injury or damage caused by the negligence or willful misconduct of the District. However, the Permit Holder shall be entitled to assume the defense of the lawsuit at its expense with counsel reasonably satisfactory to both the District and Permit Holder and to lawfully settle and compromise any such lawsuit. Permit Holder shall provide District with the terms of any settlement thirty (30) calendar days prior to executing an agreement or entering into a stipulation. District's agreement to the settlement shall be required when the settlement binds the District to expend un-reimbursed District funds or to take a specified action which is reasonably unacceptable to the District, such as the modification of this Permit or District Rules and Regulations. Should Permit Holder elect not to assume the defense of the lawsuit at its expense, District shall invoice Permit Holder for reimbursement of all reasonable and documented costs related to District providing said defense.

1. After construction of all listed process and control equipment is complete, as determined by the District, the ATC Holder shall have 45 calendar days to conduct tests and perform other necessary initial adjustments on the equipment. During this time, this Authority to Construct and its conditions shall function as a temporary Permit to Operate. Any operation of the equipment beyond this period without either District receipt of a valid Permit to Operate Notification Card or written extension from the District, will be considered operation without a permit and subject to enforcement action. The ATC Holder shall provide the District, in writing, a notice prior to commencing the 45-day start-up period. [District Rule 3.1, §402]
2. The District requires an inspection of the equipment after completion of the construction and prior to the issuance of the Permit to Operate. [District Rule 3.1, §402]
3. An authorization to construct shall remain in effect only until the application for Permit to Operate is granted or denied; however, such an authorization shall not remain in effect beyond two years from the date of issuance unless the District finds

that the time required for construction requires an extension and grants one or more extensions, for a total time not to exceed five years from the date of issuance. [District Rule 3.1, §407]

The following set of conditions are established by the District to provide enforceable operating parameters as authorized by California Health and Safety Code Section 42301 and District Rule 3.1, Section 402. If any of the rules and regulations referenced below are amended subsequent to the issuance date of this permit, resulting in the amended rule differing from or superseding the corresponding condition, then the Permit Holder shall be required to comply with the amended rule or regulation and shall no longer be required to comply with the superseded condition.

4. The Permit Holder shall not discharge into the atmosphere any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is:
 - a. As dark or darker in shade than No. 1 on the Ringelmann Chart; or
 - b. Greater than 20% opacity. [District Rules 2.3 and 3.4]
5. The engine used at the site under this permit must be, at a minimum, an EPA Certified Tier II engine. [District Rule 3.4]
6. The engine/grinder shall be used only for grinding material which is too large to be handled by the on site electric grinder permitted under P-61-89(a1). [District Rule 3.4]
7. The Permit Holder shall provide written notification to the District at least 3 days prior to any engine operating at the site under this permit. The Permit Holder shall provide separate notification for each mobilization of engine operation. [District Rule 3.4]
8. The Permit Holder shall maintain a log of the operation hours for the IC engine, including the make/model of the engine, the tier certification, the duration, and date of each usage. The log shall be retained for a period of five (5) years and be made available to District personnel upon request. [District Rule 3.4]
9. The following quantity of Emission Reduction Credits (ERCs) shall be surrendered to the District prior to beginning construction as authorized by Authority to Construct (ATC) C-10-67. [District Rule 3.4]

ERCs generated on-site

Pollutant	1 st Quarter [lb]	2 nd Quarter [lb]	3 rd Quarter [lb]	4 th Quarter [lb]
VOC	220	220	220	220
CO	573	573	573	573
NO _x	1,058	1,058	1,058	1,058
PM ₁₀	243	243	243	243

ERCs generated within 15-mile radius

Pollutant	1 st Quarter [lb]	2 nd Quarter [lb]	3 rd Quarter [lb]	4 th Quarter [lb]
VOC	265	265	265	265
CO	688	688	688	688
NO _x	1,270	1,270	1,270	1,270
PM ₁₀	292	292	292	292

ERCs generated greater than 15-mile but within 50-mile radius

Pollutant	1 st Quarter [lb]	2 nd Quarter [lb]	3 rd Quarter [lb]	4 th Quarter [lb]
VOC	331	331	331	331
CO	860	860	860	860
NO _x	1,587	1,587	1,587	1,587
PM ₁₀	365	365	365	365

10. The engine owner or operator shall only refuel the engine with California Air Resources Board certified diesel fuel. [Title 17 CCR 93116.3(a), District-enforceable only]

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26, Part 4, Chapter 3, of the Health & Safety Codes of the State of California or the Rules and Regulations of the Yolo-Solano Air Quality Management District.

Mat Ehrhardt, P.E.
AIR POLLUTION CONTROL OFFICER

By: _____

Date of Issuance: _____